# phastCons100way.UCSC.hg19

April 10, 2015

---

phastCons100way.UCSC.hg19-package

*Annotation package for phastCons scores from UCSC calculated from 100 vertebrate species*

---

### Description

This annotation package stores phastCons conservation scores from UCSC for the human genome (hg19), calculated from genome-wide alignments from 100 vertebrate species. The data is stored in the form of a `RleList` object and is loaded automatically in the as an object of class PhastConsDb. The name of the exposed object matches the name of the package and part of the filename that contained the data imported into the package. The class definition and methods to access MafDb objects are found in the `VariantFiltering` software package.

### Format

`phastCons100way.UCSC.hg19`   PhastConsDb object containing phastCons conservation scores from UCSC for the human ge

### Author(s)

R. Castelo

### Source

UCSC Genome Browser (URL: http://genome.ucsc.edu) [October, 2014, accessed]

### See Also

PhastConsDb-class VariantFiltering

**Examples**

```
library(GenomicRanges)
library(phastCons100way.UCSC.hg19)

ls("package:phastCons100way.UCSC.hg19")

phastCons100way.UCSC.hg19
scores(phastCons100way.UCSC.hg19,
       GRanges(seqnames="chr7", IRanges(start=117232380, width=5)))
```

# Index